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AUTHOR Hancock, Dawson R.; Flowers, Claudia P.

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ABSTRACT

Social desirability responding (SDR) on surveys administered on the World Wide Web and on paper was examined, with 178 graduate and undergraduate students as participants. To assess the extent to which participants would demonstrate SDR, this study used the Balanced Inventory of Desirable Responding (BIDR) (Paulhus, 1993). The BIDR consists of 40 items states as propositions. Respondents rate their agreement with each statement on a seven-point scale. Using a true experimental design, the study examined the impact of two independent variables, the participants' identifiability level (anonymous and non-anonymous) and the survey's administration mode (World Wide Web-administered and paper-administered), on one dependent variable, the participants' social desirability response levels measured by the BIDR. Findings reveal no differences in SDR between the Web and the paper-administered survey conditions, and no differences in SDR between the anonymous and non-anonymous conditions. These findings and potential explanations are examined for consideration by anyone interested in using the Web to obtain accurate information from survey participants. (Contains 35 references.) (AEF)



Social Desirability Responding on World Wide Web and Paper-Administered Surveys

Dawson R. Hancock Claudia P. Flowers University of North Carolina at Charlotte

Abstract

Social desirability responding (SDR) on surveys administered on the World Wide Web (WWW) and on paper was examined using 178 graduate and undergraduate students randomly assigned to a 2 (survey's administration mode: WWW and paper) × 2 (participants' identifiability level: anonymous and non-anonymous) true experimental design. The findings reveal no differences in SDR between the WWW and the paper-administered survey conditions, and no differences in SDR between the anonymous and non-anonymous conditions. These findings and potential explanations are examined for consideration by anyone interested in using the WWW to obtain accurate information from survey participants.

Introduction

Response bias (i.e., the systematic tendency to respond to surveys, questionnaires, standardized tests, and other self-report measures on some basis other than the specific item content) continues to confound research findings. People's reports of their own traits, attitudes, and behaviors often involve systematic bias that obscures measurement of content variables (Calsyn, 1999; Paulhus, 1991). For example, early research suggested that standard self-report methodologies distorted the reporting of racist attitudes (Sigall & Page, 1971), abnormal sexual attitudes (Knudson, Pope, & Irish, 1967), desirable behaviors (Phillips & Clancey, 1972), deviant behaviors (Clark & Tifft, 1966), and abortion (Wiseman, 1972). More recent studies have revealed a tendency among individuals to conceal truth when reporting unverifiable information (Lautenschlager & Flaherty, 1990), seeking employment (Calsyn & Klinkenberg, 1995), reporting information designed to impress others (Rosenfeld, Giacalone, & Riordan, 1995), and when a respondent's anonymity is violated (Sproull & Kiesler, 1991).

Among the most common forms of response bias reported in the literature are deviant responding (Berg, 1967), careless responding (Meehl & Hathaway, 1946), consistent responding (Dillehay & Jernigan, 1970), item omission (Cronbach, 1946), acquiescence (Ray, 1983), and extremity bias (Hamilton, 1968; Peabody, 1962). However, perhaps the most frequently studied response bias is social desirability responding (SDR) (i.e., the tendency to provide answers which cause the respondent to look good) (Rosenfeld, Booth-Kewley, Edwards, & Thomas, 1996). As early as the 1930s, Bernreuter (1933) reported that psychometricians had already noted the problem of SDR effects on the validity of questionnaires. Years later, Meehl and Hathaway (1946) were able to cite eight measures specifically designed to index SDR in self-report measures. Since that time, SDR has been a major concern in measuring personality, psychopathology, attitudes, and self-reports of various forms of sensitive behavior (Paulhus, 1991).

Recently, the proliferation of web-based and other computer-assisted means of acquiring information from individuals has raised concerns regarding how responses obtained through computers compare with responses obtained on paper instruments. Several published studies (see Booth-Kewley, Rosenfeld, & Edwards, 1993; Moorman & Podsakoff, 1992. for reviews) have reported that computer responses are more candid, less biased, and less influenced by social desirability than responses given on paper. However, very few studies have examined people's responses on the World Wide Web (WWW). Furthermore, several research efforts have failed to replicate the findings of previous studies regarding SDR. For example, studies in the 1980s investigating the feasibility of a U.S. Navy computer-based survey system failed to demonstrate that computer-administered surveys were superior at reducing SDR (Doherty & Thomas, 1986; Rosenfeld, Doherty, Vicino, Kantor, & Greaves, 1989; Vicino, 1989). In addition, Lautenschlager and Flaherty (1990) found that undergraduates responding to a computerized survey had higher scores on a self-deception scale than did their counterparts who used a paper survey. Extending this research, Booth-Kewley et al. (1993) had subjects complete surveys using computer or paper administration modes under anonymous or identified conditions. Consistent with Lautenschlager and Flaherty's (1990) results, Booth-Kewley and her colleagues found that identified respondents gave more socially desirable responses than did their U.S. DEPARTMENT OF EDUCATION

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anonymous counterparts. However, Booth-Kewley et al. (1993) failed to replicate Lautenschlager and Flaherty's (1990) finding of greater levels of SDR among participants who completed the survey by computer.

The lack of consistent findings regarding the extent to which people demonstrate SDR on computer versus paper-administered instruments, combined with the scarcity of research in this area on people who respond to surveys and questionnaires administered through the WWW, was the purpose for conducting the current study. Based on previous research suggesting that computer-administered surveys yield more candid responses than do paper surveys, this study hypothesized that adult students taking a survey on the WWW would demonstrate significantly less SDR than would students taking the same survey on paper. Furthermore, based on previous research suggesting that participants would be more inclined to respond to survey items under conditions of anonymity, this study hypothesized that adult students taking the survey anonymously would demonstrate significantly less SDR than would respondents who were asked to identify themselves.

The Study

Participants

178 undergraduate and graduate students at a large university in the southeastern United States, enrolled in introductory research and technology courses, participated in this study. 69% of the participants were female. The average age of participants was 34.2 years.

Instrument

To assess the extent to which participants would demonstrate SDR, this study used the Balanced Inventory of Desirable Responding (BIDR) (Paulhus, 1993). The BIDR consists of 40 items stated as propositions. Respondents rate their agreement with each statement on a seven-point scale. The scoring key is balanced. After reversing the negatively keyed items, one point is added for each extreme response (six or seven). This method of scoring ensures that high scores are attained only by subjects who give exaggeratedly desirable responses. The 40 items are then summed to yield an individual's overall level of SDR.

Several studies have established the reliability and validity of the BIDR. With respect to internal validity, values of coefficient alpha have ranged from .68 to .80 and from .75 to .86 (Mellor, Conroy, & Masteller, 1986; Paulhus, 1984, 1993; Quinn, 1989). Demonstrating concurrent validity as a measure of SDR, the sum of the 40 items on the BIDR correlated .71 with the Marlowe-Crowne Social Desirability scale (Crowne & Marlowe, 1960) and .80 with the Multidimensional Social Desirability Inventory of Jacobson, Kellogg, Cauce, and Slavin (1977). Supporting the construct validity of the BIDR, Paulhus (1991) discovered that high deception subjects were more likely than lows to show a self-serving bias after a failure experience. High self-deception subjects also showed more illusion of control, belief that they were safe drivers, and proneness to love (Paulhus & Reid, 1991) and to intrinsic religiosity (Leak & Fish, 1989).

Procedures

Using a true experimental design, this study examined the impact of two independent variables -- the participants' identifiability level (i.e., anonymous and non-anonymous) and the survey's administration mode (i.e., WWW-administered and paper-administered) -- on one dependent variable -- the participants' social desirability response levels measured by the BIDR. Using a random number table, 283 potential participants were assigned randomly to one of four conditions: (a) anonymous/WWW-administered survey (n=75); (b) non-anonymous/WWW-administered survey (n=78); (c) anonymous/paper-administered survey (n=63); and (d) non-anonymous/paper-administered survey (n=67).

Prior to their departure from the classroom during an initial session in the course, participants in all four conditions were provided a manila envelope by their professor, who was instructed to say, "Prior to our next class attendance, please follow the instructions contained in your envelope. Those instructions will require you to individually complete a very short survey that we will use later in this course when we discuss data collection techniques. Remember, please follow the instructions contained in your envelope by our next class attendance. Thank you."

For the participants in the paper-administered survey groups, the manila envelopes contained a copy of the Balanced Inventory of Desirable Responding (BIDR). One-half of the BIDRs in those envelopes (i.e., the non-anonymous/paper-administered survey group) were preceded by the written instructions, "Please complete the following survey and mail it in the self-addressed envelope prior to our next class attendance. The survey contains 40 items and takes approximately 10 minutes to complete. Using the scale below as a guide, write a number in each blank to indicate your agreement with the statement. For the purpose of accountability, please be certain that you



print your name legibly in the blank provided. The results of this survey will be completely confidential. The results will be reported only in the aggregate; therefore, at no time will you be identified individually."

The other one-half of the BIDRs in those envelopes (i.e., the anonymous/pere-administered survey group) were preceded by the same written instructions, with one exception — the phrase, "For the purpose of accountability, please be certain that you print your name legibly in the blank provided," was replaced with the phrase, "To maintain anonymity, please do not indicate your name crywhere on the survey."

For the participants in the WWW-administered survey groups, one-half of the manila envelopes (i.e., the non-anonymous/WWW-administered survey group) contained a sheet of paper with the written instructions, "Please complete the survey that you will find on the World Wide Web at http://education.uncc.edu/survey1.htm prior to the next class attendance. The results of this survey will be completely confidential. The results will be reported only in the aggregate; therefore, at no time will you be identified individually." For participants in this condition, the BIDR at the prescribed web site address included the following additional instructions, "This survey contains 40 items and takes approximately 10 minutes to complete. Using the scale below as a guide, type a number in each blank to indicate your agreement with the statement. For the purpose of accountability, please be certain that you type your name in the blank provided."

The other one-half of these manila envelopes (i.e., the anonymous/WWW-administered survey group) contained a sheet of paper with the same written instructions, with two exceptions — the WWW address for accessing the survey for participants in this condition was changed from "education.uncc.edu/respond1.htm," and the phrase, "For the purpose of accountability, please be certain that you type your name in the blank provided," was replaced with the phrase, "To maintain anonymity, please do not indicate your name anywhere on the survey."

Of the 283 potential participants in this study, 181 students completed a survey (i.e., a 64% response rate). However, three students' survey responses were excluded from the data analysis because these students incorrectly completed the survey. Of the remaining 178 surveys, 44 surveys were in the anonymous/World Wide Webadministered condition (i.e., a 59% response rate), 50 surveys were in the non-anonymous/World Wide Webadministered condition (i.e., a 64% response rate), 44 surveys were in the anonymous/paper-administered condition (i.e., a 70% response rate), and 40 surveys were in the non-anonymous/paper-administered condition (i.e., a 60% response rate).

A 2x2 analysis of variance (ANOVA) was conducted with the survey's administration mode (i.e., WWW-administered and paper-administered) and the participants' identifiability level (i.e., anonymous and non-anonymous) as the independent variables and the participants' SDR levels measured by the BIDR as the dependent variable.

Findings

Means, standard deviations, and sample sizes for the social desirability levels by condition are presented in Table 1. The results of the ANOVA are presented in Table 2. The main effect for survey administration mode was not statistically significant (F(1,174)=.071, p>.05). Students taking the survey on the WWW (M=15.33, sd=6.23) did not demonstrate significantly less SIDR than did adult students taking the same survey on paper (M=15.07, sd=5.50). Furthermore, the main effect for participants' identifiability level was not statistically significant (F(1,174)=.150, p>.05). Students taking the survey anonymously (M=15.03, sd=5.47) did not demonstrate significantly less SDR than did survey-takers who were asked to identify themselves (M=15.39, sd=6.29). Finally, there was no statistically significant interaction (F(1,174)=.027, p>.05), suggesting that no differential effect on SDR was noted with the combination of independent variables.

Conclusions

The hypotheses of this study were based on previous research; therefore, it is important to examine possible reasons for the non-statistically significant findings. One explanation may be that, unlike the current study, most previous studies linking lower anonymity with higher levels of SDR administered their surveys within the context of the experimental setting. For example, Lautenschlager and Flaherty (1990) asked college students to complete the BIDR in a small office on the site of the study. Similarly, Rosenfeld, Booth-Kewley, Edwards, and Thomas (1996) administered the BIDR to Navy recruits in a large testing room immediately after the sailors received instructions about the study. However, in the current study, after the professor distributed the manila folders, students were allowed to depart the classroom with the expectation that they would complete the survey on the WWW or paper prior to the next lesson. Undoubtedly, students completed the survey in many different locations — at home, at work, at school, in a computer lab, and so forth. As a result, even those students in the non-anonymous WWW and paper-administered survey conditions whose instructions included a directive to type or print their names on the



survey may have felt a sense of anonymity as they completed the BIDR. This pervasive sense of anonymity experienced by the participants may have mitigated the effects of self-identification created in the study, thereby contributing to the lack of a statistically significant main effect for participants' identifiability level.

Another potential contributor to this study's findings may have been the written instructions provided to the participants. In all experimental conditions, the written instructions included the sentences, "The results of this survey will be completely confidential. The results will be reported only in the aggregate; therefore, at no time will you be identified individually." Although these sentences were inserted to ensure compliance with the 1974 Buckley Amendment, their inclusion may have lessened the extent to which participants in the non-anonymous conditions perceived that they could be identified. In effect, these sentences may have caused all participants to believe that their identity was completely protected, thereby mollifying the impact of anonymity on participants' demonstration of SDR.

Furthermore, research has suggested that a survey-taker's perception of the verifiability of her or his survey responses may impact the extent to which the survey-taker stretches the truth in an effort to make a good impression (Lautenschlager & Flaherty, 1990). Specifically, when respondents believe that their answers cannot be validated, they tend to exhibit higher levels of SDR than when they think that their responses are verifiable. In the current study, however, participants were told that the results of the survey would be used in an upcoming discussion of data collection techniques. As a result, participants may have believed that the survey responses were being verified, thereby negating any SDR effects prompted by the method of survey administration (i.e., WWW or paper).

In the past, one factor often associated with lower levels of SDR in computer-administered survey responses than in paper-administered survey responses has been the standardization that computer administration affords (Feuer, 1986). In computer-administered surveys, SDR may be reduced by controlling the respondent's ability to preview, skip, review items, and change responses. In other words, the greater structure imposed by the computer mode of survey administration may limit respondents' ability to reveal themselves in the best possible light. However, in the current study, the survey's presentation on the WWW was designed to maximize participants' freedom to negotiate the instrument. Students who accessed the BIDR through the WWW had complete latitude to preview, skip, change, and review their responses to the items prior to submitting their surveys electronically. As a result, the restrictions often inherent in computer survey administration which lead to lower levels of SDR were not evident in this study, perhaps contributing to the non-statistically significant main effect for survey administration mode.

Finally, although early research revealed that computer-administered survey settings seemed to reduce SDR because those settings offered greater anonymity and were perceived as impersonal and nonjudgmental, recent studies have discovered a growing concern among many survey-takers that computers are becoming overly intrusive (Rosenfeld, Booth-Kewley, Edwards, & Thomas, 1996). This concern, sometimes labeled the 'big brother syndrome" (Martin & Nagao, 1989), suggests that people are becoming more aware that computer communications can be monitored and shared. Computer-users who suspect "big brother monitoring" have reported increased anxiety, fatigue, stress, and reduced job satisfaction (Eisman, 1991; ladipaolo, 1992). In the current study, students in the computer-administered survey condition may have felt that their responses, even in the anonymous condition, could and perhaps would be traced to them through the WWW. As a result, participants may have felt less inclined to present themselves in a truthful manner.

The growing popularity of computers throughout much of the world suggests that computer administration of surveys will continue to increase in the future. Therefore, it is important to know how survey responses obtained through computers compare with responses obtained on paper instruments. Although some research has reported that computer responses are more candid, less biased, and less influenced by social desirability than responses provided on paper, the current study using the WWW as the means by which to administer computer-based surveys did not support these findings. Students taking a survey on the WWW did not demonstrate significantly less SDR than did students taking the same survey on paper, and students taking a survey anonymously did not demonstrate significantly less SDR than did survey-takers who are asked to identify themselves. Unlike traditional computer-based modes of survey administration in which people demonstrate less SDR than people taking a survey by paper, this study suggests that people who take surveys on the WWW demonstrate SDR at levels comparable to those who take paper surveys. Although increased objectivity and cost effectiveness have often been associated with computer administration of surveys relative to paper administration of surveys, this study's findings should be considered carefully by all professions interested in using the WWW to obtain truthful and accurate information from survey-takers.



Table 1

Means, Standard Deviations, and Sample Sizes of Social Desirability Responding Level by Participants' Identifiability Level and Survey's Administration Mode

	Administration Mode									
	World Wide Web- Administered			Paper- Administered			Overall			
Participants' Identifiability	<u>M</u>	<u>SD</u>	<u>n</u> .	<u>M</u>	<u>SD</u>	n	M	SD	<u>n</u>	
Anonymous	15.07	5.73	44	14.98	5.25	44	15.03	5.47	88	
Non-anonymous	15.56	6.69	50	15.18	5.83	40	15.39	6.29	90	
Overall	15.33	6.23	94	15.07	5.50	84	15.21	5.88	178	

Table 2

2x2 ANOVA of Effects of Participants' Identifiability Level and Survey's Administration Mode on Social Desirability Responding Level

	SS	df	MS	<u> </u>	Sig
Participants' Identifiability Level (PIL)	5.256	1	5.256	.150	.699
Survey's Administration Mode (SAM)	2.504	1	2.504	.071	.790
PIL x SAM	.956	1	.956	.027	.869
Residual	6115.868	174	35.149		

Note: $\underline{p} > .05$

References

Berg, I. A. (1967). The deviation hypothesis: A broad statement of its assumptions and postulates. In I. A. Berg (Ed.), Response set in personality assessment (pp. 146-190). Chicago: Aldine.

Bernreuter, R. G. (1933). Validity in personality inventory. Personality Journal, 11, 383-386.

Booth-Kewley, S., Rosenfeld, P., & Edwards, J. E. (1993). Computer-assisted surveys in organizational settings: Alternatives, advantages, and applications. In P. Rosenfeld, J. E. Edwards, & M. D. Thomas (Eds.),



Improving organizational surveys: New directions, methods, and applications (pp. 73-101). Newbury Park, CA: Sage.

Calsyn, R. J. (1999). Understanding and controlling response bias in needs assessment studies. *Evaluation Review*, 23(4), 399-418.

Calsyn, R. J., & Klinkenberg, W. D. (1995). Response bias in needs assessment studies. *Evaluation Review*, 19(1), 217-225.

Clark, J. P., & Tifft, L. L. (1966). Polygraph and interview validation of self-reported deviant behavior. *American Sociological Review*, 31, 516-523.

Cronbach, L. J. (1946). Response sets and test validity. *Educational and Psychological Measurement*, 6, 475-494. Crowne, D. P., & Marlowe, D. (1960). A new scale of social desirability independent of psychopathology. *Journal of Consulting Psychology*, 24, 349-354.

Dillehay, R. C., & Jernigan, L. R. (1970). The biased questionnaire as an instrument of opinion change. Journal of Personality and Social Psychology, 15, 144-150.

Doherty, L., & Thomas, M. D. (1986). Effects of an automated survey system upon responses. In O. Brown, Jr., & H. W. Hendrick (Eds.), *Human factors in organizational design management II* (pp. 157-161). North Holland, The Netherlands: Elsevier Science.

Eisman, R. (1991). Big brother lives. Incentive, 165, 21-27.

Feuer, D. (1986). Computerized testing: A revolution in the making. Training, 23, 80-86.

Iadipaolo, D. M. (1992). Monster or monitor? Insurance and Technology, 17, 47-54.

Jacobson, L. I., Kellogg, R. W., Cauce, A. M., & Slavin, R. S. (1977). A multidimensional social desirability inventory. *Bulletin of the Psychonomic Society*, 9, 109-110.

Knudson, D. D., Pope, H., & Irish, D. P. (1967). Response differences to questions on sexual standards. *Public Opinion Quarterly*, 31, 290-297.

Lautenschlager, G. J., & Flaherty, V. L. (1990). Computer administration of questions: More desirable or more social desirability? *Journal of Applied Psychology*, 75, 310-314.

Leak, G. K., & Fish, S. (1989). Religious orientation, impression management, and self-deception: Toward a clarification of the link between religiosity and social desirability. *Journal for Scientific Study of Religion*, 28, 355-359.

Martin, C. L., & Nagao, D. H. (1989). Some effects of computerized interviewing on job applicant responses. *Journal of Applied Psychology*, 74, 72-80.

Meehl, P. E., & Hathaway, S. R. (1946). The K factor as a suppressor variable in the Minnesota Multiphasic Personality Inventory. *Journal of Applied Psychology*, 30, 525-564.

Mellor, S., Conroy, L., & Masteller, B. K. (1986). Comparative trait analysis of long-term recovering alcoholics. *Psychological Reports*, 58, 411-418.

Moorman, R. H., & Podsakoff, P. M. (1992). A meta-analytic review and empirical test of the potential confounding effects of social desirability response sets in organizational behavior research. *Journal of Occupational and Organizational Psychology*, 65(3), 131-150.

Paulhus, D. L. (1984). Two-component models of social desirability responding. *Journal of Personality and Social Psychology*, 46, 598-609.

Paulhus, D. L. (1993). Assessing self-deception and impression management in self-reports: The Balanced Inventory of Desirable Responding -- Reference manual for Version 6. Unpublished manual.

Paulhus, D. L. (1991). Measurement and control of response bias. In J. P. Robinson, P. R. Shaver, & L. S. Wrightsman (Eds.), *Measures of personality and social psychological attitudes* (pp. 17-59). San Diego: Academic Press.

Paulhus, D. L., & Reid, D. B. (1991). Enhancement and denial in social desirability responding. *Journal of Personality and Social Psychology*, 60(2), 307-318.

Phillips, D. L., & Clancey, K. J. (1972). Some effects of social desirability in survey studies. *American Journal of Sociology*, 77, 921-940.

Quinn, B. A. (1989). Religiousness and psychological well-being: An empirical investigation. Unpublished dissertation, Wayne State University, Detroit.

Ray, J. J. (1983). Reviving the problem of acquiescent response bias. *Journal of Social Psychology*, 121, 81-96.

Rosenfeld, P., Booth-Kewley, S., Edwards, J. E., & Thomas, M. D. (1996). Responses on computer surveys: Impression management, social desirability, and the Big Brother Syndrone. *Computers in Human Behavior*, 12(2), 263-274.



Rosenfeld, P., Doherty, L., Vicino, S. M., Kantor, J., & Greaves, J. (1989). Attitude assessment in organizations: Testing three microcomputer-based survey systems. *Journal of General Psychology*, 116, 145-154.

Rosenfeld, P., Giacalone, R. A., & Riordan, C. A. (1995). Impression management in organizations: Theory, measurement, practice. London: Routledge.

Sigall, H., & Page, R. (1971). Current stereotypes: A little fading, a little faking. *Journal of Personality and Social Psychology*, 18, 247-255.

Sproull, H. L., & Kiesler, S. (1991). Computers, network, and work. Scientific American, 265, 116-123.

Vicino, S. M. (1989). Effects of computer versus traditional paper-and-pencil survey administration on response bias among self-monitors. Unpublished master's thesis, San Diego State University.

Wiseman, F. (1972). Methodological bias in public opinion surveys. Public Opinion Quarterly, 36, 105-108.





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